**6th Grade Lesson Plan**

**6.EE.4**

**Combining Like Terms**

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| **Unit Essential Question(s)** | **What are like terms?** | | |
| **Learning Target(s)**  “I can…” Statements | **I can correctly identify and combine similar terms** | | |
| **Essential Vocabulary** | **Variables Exponents Coefficients Factors Multiples** | | |
| **Resources and Materials** | **Teacher** | | **Student** |
| **From Springboard I Take, You Take Game**  **Discovery of Rules from Springboard**  **Math’s Cool Journal**  **Glencoe Indicators**  **Fruit**  **Colored tiles** | | **Discovery Sheet**  **Whiteboard** |
| **8 Mathematical Practices:** | | | |
| 1. Make sense of problems and persevere in solving them.  x 2. Reason abstractly and quantitatively.  3. Construct viable arguments and critique the reasoning of others.  x 4. Model with mathematics. | | 5. Use appropriate tools strategically.  6. Attend to precision.  7. Look for and make use of structure.  8. Look for and express regularity in repeated reasoning. | |
| **Bellringer** | **Warm Up with Spiraling Concepts**  **Begin with Geometry Formulas**  **Powerpoint Combining like terms** | | |
| **Activating Strategy**  (Opening Activity) | **Play I Take, You Take Game. Teacher knows rules, students do not.**  **Think Pair share** | | |
| **Cognitive Teaching Strategies**  Me/We/Few/You  (TIP – Teacher input,  SAP – Student actively participates,  GP – Guided Practice,  IP – Independent Practice) | **Allow students to shout out their answers to the class. Then Teacher will introduce the concept of Combining Like Terms.**  **MSM – Keep on Tracking**  **Teacher will give footprint worksheet and allow students in pairs to complete the hidden phrase**  **Powerpoint presentation review of Combining like terms.**  **Once students are done, students should write a summary of each property** | | |
| **Summarizing Strategy**  (Closing Activity) | **Play I Take, You Take again and see if the students can beat the teacher!** | | |
| **Assessment** | | **Homework** | |
|  | | **Practice problems**  **Prior knowledge homework** | |
| **Extending/Refining** |  | | |
| **Differentiation** |  | | |
| **Literacy Skills** |  | | |
| **Integrating Technology** |  | | |
| **Reflection** |  | | |